



Wayne-Dalton Corp.  
P.O. Box 67 Mt. Hope, OH 44660  
[www.wayne-dalton.com](http://www.wayne-dalton.com)

# WINDLOAD POST

## WayneMark™8000, 8100

### INSTALLATION INSTRUCTIONS



## **Important Notice!**

**READ THE ENCLOSED INSTRUCTIONS MANUAL CAREFULLY BEFORE INSTALLING THIS WINDLOAD POST. PAY CLOSE ATTENTION TO ALL WARNING LABELS AND NOTES. THIS MANUAL SHOULD BE ATTACHED TO THE WALL IN CLOSE PROXIMITY TO THE WINDLOAD POST.**



**HALF HINGE**  
(2) # 130352



**HEADER LOCK BRACKET**  
(2) # 141092



**TOP PLATE EXTENSION**  
(1) # 305205



**TOP STRAP BRACKET**  
(1) # 305206



**JR. UNIVERSAL "A" FRAME BRACKET**  
(5) # 270343 w/ 7' kit  
(6) # 270343 w/ 8' kit



**STRAPS**  
(8) # 307397 w/ 7' kit  
(10) #307397 w/ 8' kit



**(1) SIDE LOCK**  
# 292857

**WING NUTS**

(4) # 305211 w/ 7' kit  
(5) # 305211 w/ 8' kit

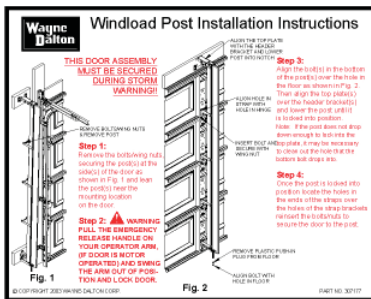


**CARRIAGE BOLTS**

(3) # 305210 w/ 7' kit - (3" LG)  
(4) # 305210 w/ 8' kit - (3" LG)  
(1) #307529 w/ 7' & 8' kit's - (3-1/2" LG)



**(1) BOTTOM BRACKET ASSEMBLY**  
# 305327



**(1) POST INSTALLATION DECAL**  
# 307177



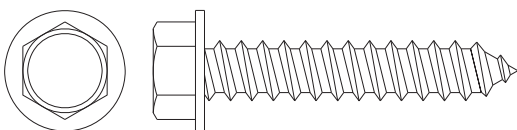
**(1) PLASTIC PLUG**  
# 305226



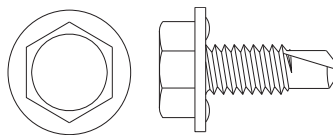
**(1) POST TAG**  
# 161384



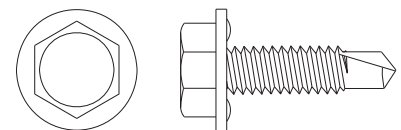
**WINDLOAD POST ASSEMBLY**  
# 305207 - (7')  
# 305332 - (8')



**(8) 5/16" X 1-5/8" LAG SCREW**  
# 100292

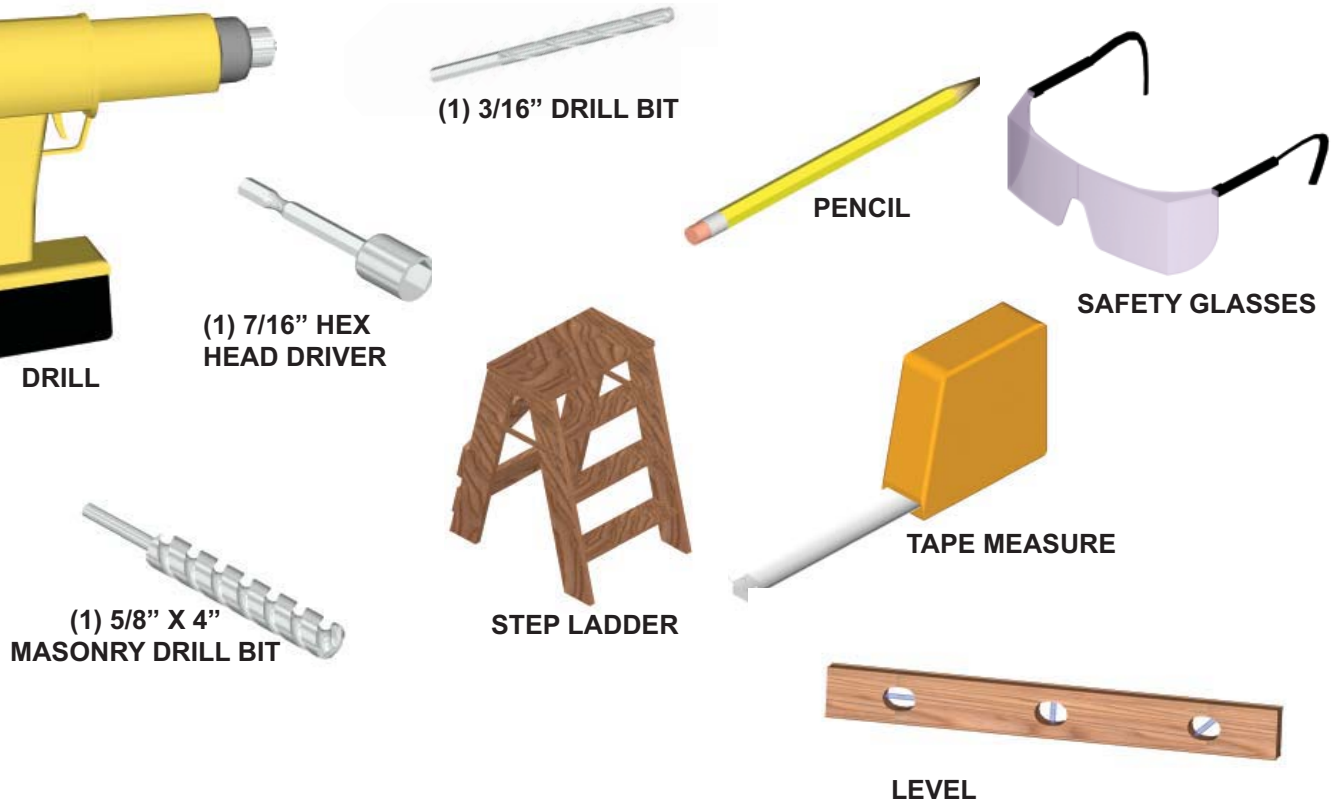


**(34) 1/4-20 X 11/16" SELF-DRILLING SCREW**  
# 300723



**(6) 1/4-20 X 7/8" SELF-DRILLING SCREW**  
# 100507

## Required Tools



## Windload Post Installation

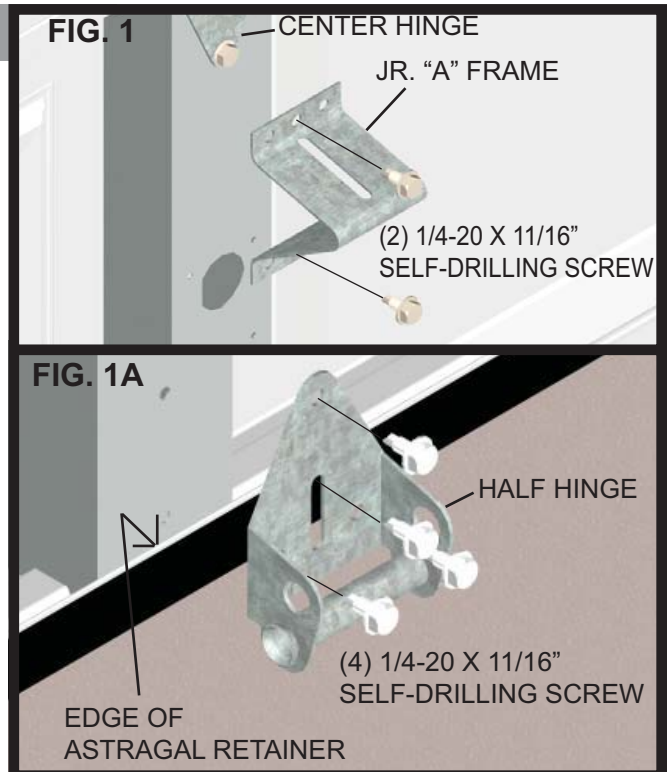
### JR. "A" Frame Installation

**IMPORTANT!** Refer to the **windload specification drawings** (supplied) for windload post location(s).

Place the "A" frame brackets below the center hinges of each intermediate section, fasten with (2) 1/4-20 x 11/16" self drilling screws (see **Fig.1**). For the bottom section, align half hinge with top edge of astragal retainer and center on stile(s). Fasten half hinge with (4) 1/4-20 x 11/16" self-drilling screws (see **Fig.1A**). Center all brackets in the required positions per the **windload specification drawings**.

**NOTE:** Additional Jr. "A" frame brackets are required for 10' and 12' wide doors.

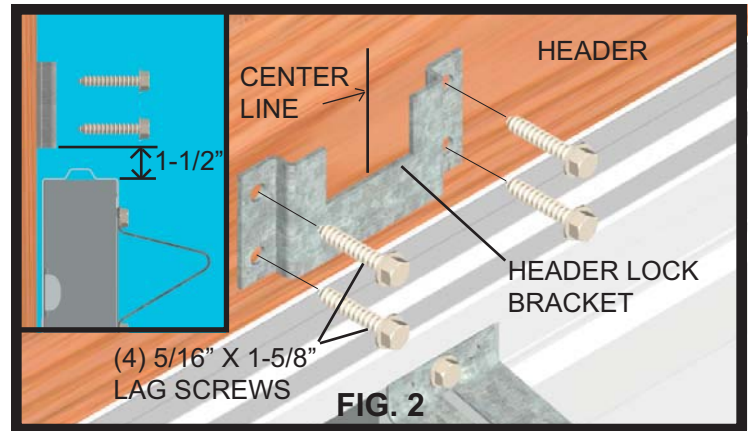
**⚠ WARNING** "A" FRAME BRACKETS MUST BE INSTALLED ACCORDING TO THE WINDLOAD SPECIFICATION DRAWINGS, OR DOOR FAILURE WILL OCCUR UNDER WINDLOAD.



## Header Lock Bracket Installation

Mark a vertical line on the header, aligned with the center of the Jr. "A" frame bracket. Measure up 1-1/2" above the top of the door and mark a horizontal line. Center the header lock bracket with the vertical line and align the bottom of the header lock bracket with the horizontal line. Secure the header lock bracket to the header using (4) 5/16" x 1-5/8" lag screws.

(see Fig. 2)



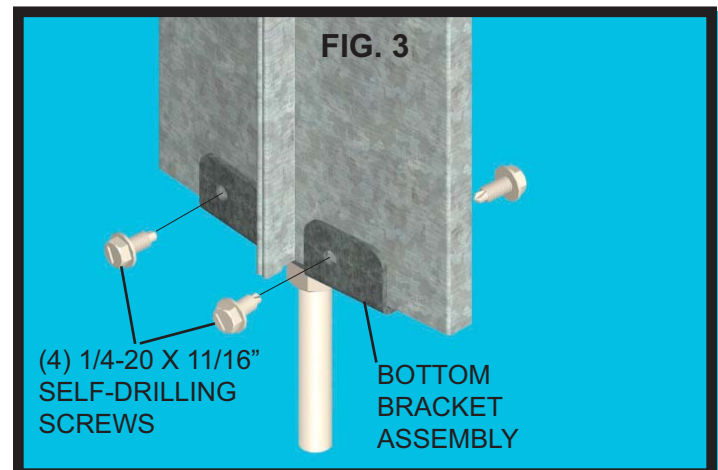
**NOTE:** It is recommended that lag screws be pilot drilled using a 3/16" drill bit prior to fastening.

**IMPORTANT!** If there is drywall or other materials covering the header it is required that such materials be removed from the header lock bracket location(s) and replaced with the same thickness of wood before installing the header lock bracket(s). If this process is performed, the length of the lag screws **MUST** be increased by the thickness of wood material, so that a minimum of 1-1/2" penetration into the existing header is obtained.

## Bottom Bracket Installation

Locate the bottom bracket assembly and align it to the bottom of the post. Secure the bottom bracket to the bottom of the windload post using (4) 1/4-20 x 11/16" self-drilling screws. (see Fig. 3)

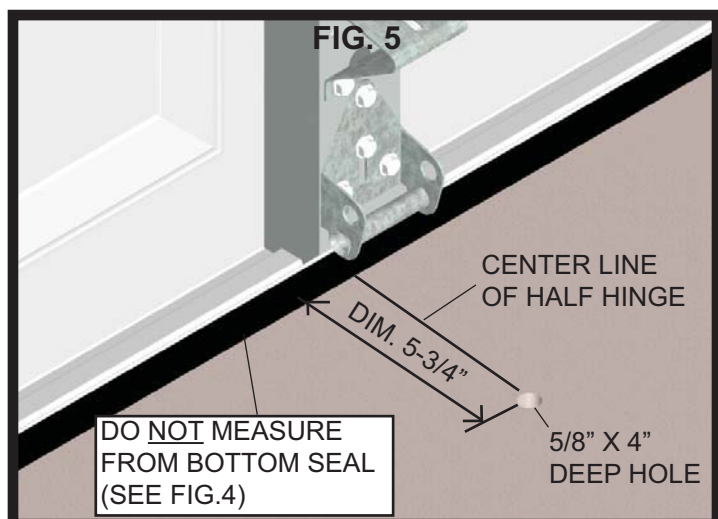
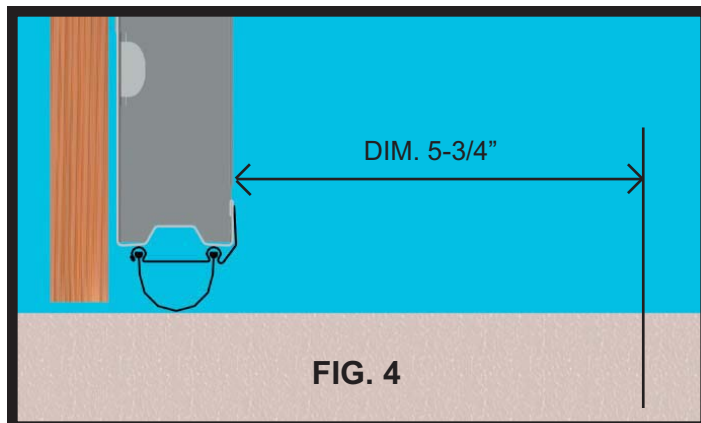
**NOTE:** The bottom of the windload post is flush while the top is offset.



## Post Hole Placement

At each windload post location, mark a center line on the floor that is aligned with the center of half hinge. Measure out from the back of the door (see Fig. 4) 5-3/4" and make a second mark as shown in Fig. 5. Using a masonry bit, drill (1) 5/8" x 4" deep hole into the concrete. Clean out the hole.

**IMPORTANT!** For proper operation of the windload post, it is important that the 5-3/4" dimension be held, to assure the post is installed plumb.



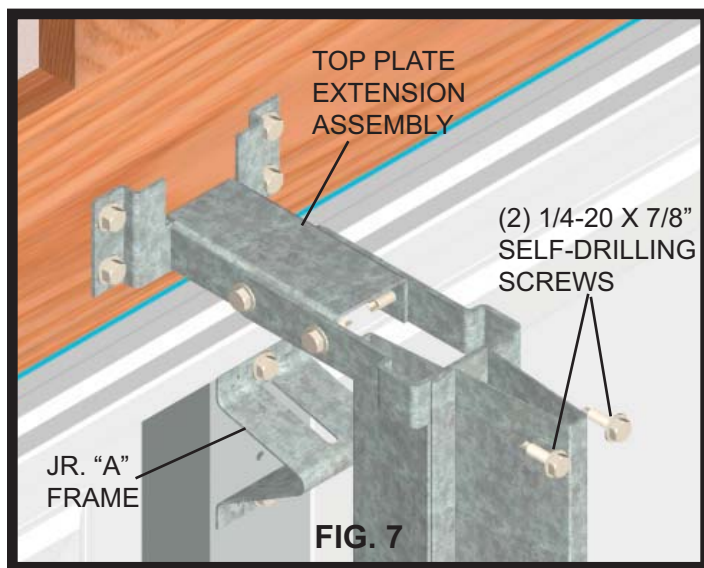
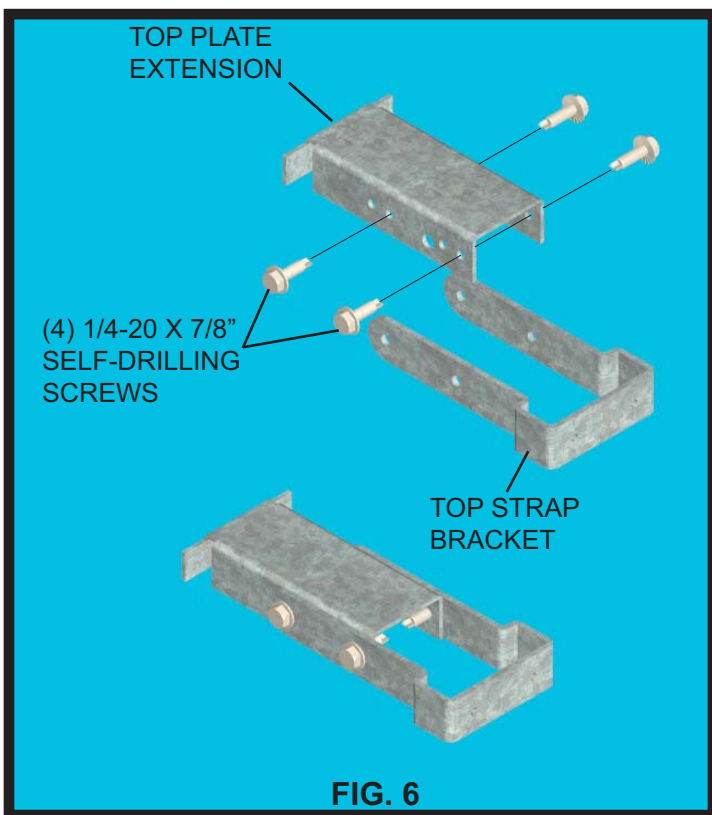


## Top Plate Extension Installation

Locate the top plate extension and top strap bracket. Place the top strap bracket onto the top plate extension and adjust so that the holes in the top strap bracket align with the corresponding door model holes in the top plate extension. Hold in position and secure using (4) 1/4-20 x 7/8" self-drilling screws. (see **Fig. 6**)

Slide the top plate extension assembly into the header bracket. Now, install the windload post into the post hole in the floor and align the top of the windload post with the top plate extension assembly. Ensure that the post is level and plumb. Using (2) 1/4-20 x 7/8" self-drilling screws, secure the windload post to the top plate extension assembly. (see **Fig. 7**)

**NOTE:** Doors without a 2" U-bar on the top section will require an extra Jr. "A" frame bracket, at the top of the section. (see **Fig. 7**).



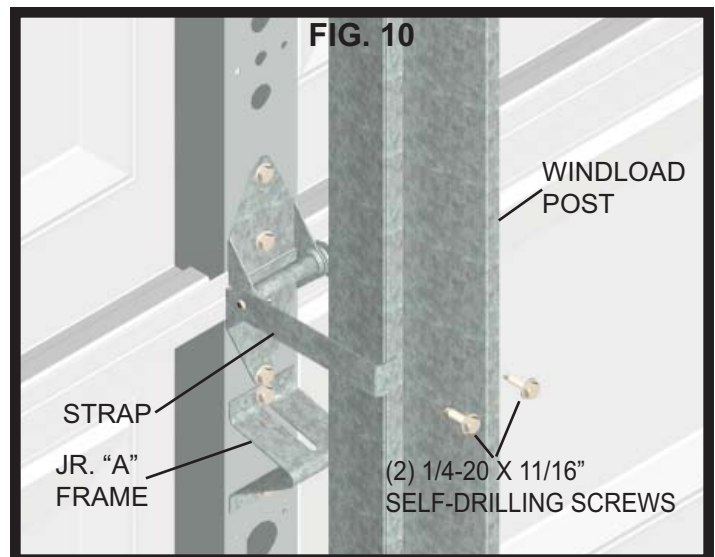
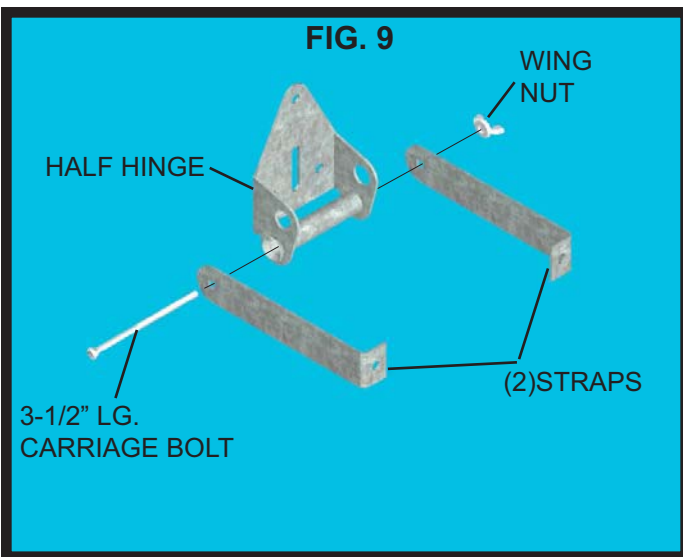
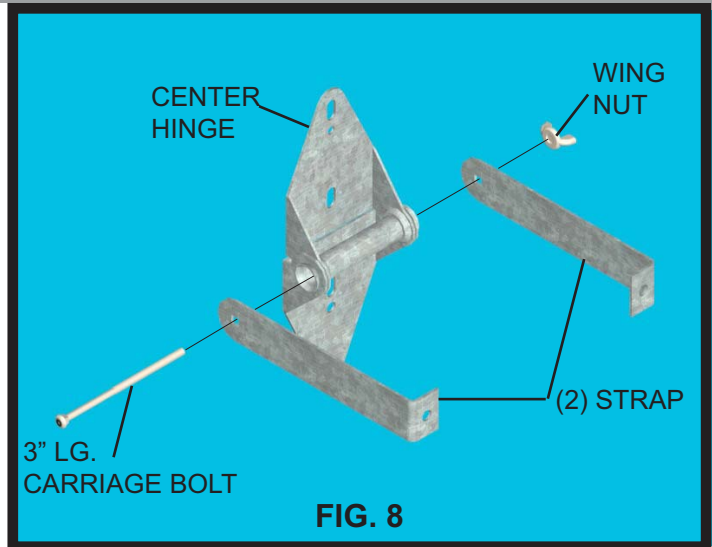
## Strap Bracket Installation

Loosely attach (2) straps to each center hinge, with (1) 3" long carriage bolt and wing nut (see **Fig. 8**). Attach (2) straps to the bottom half hinge, with (1) 3-1/2" long carriage bolt and wing nut (see **Fig. 9**). Position the straps at each center hinge, and bottom half hinge locations.

Ensure that the windload post is plumb while locked into the header lock bracket and hole in floor. Now, secure each strap to the windload post using (1) 1/4-20 x 11/16" self-drilling screw.

**NOTE:** Keep straps parallel and level. (see **Fig. 10**)

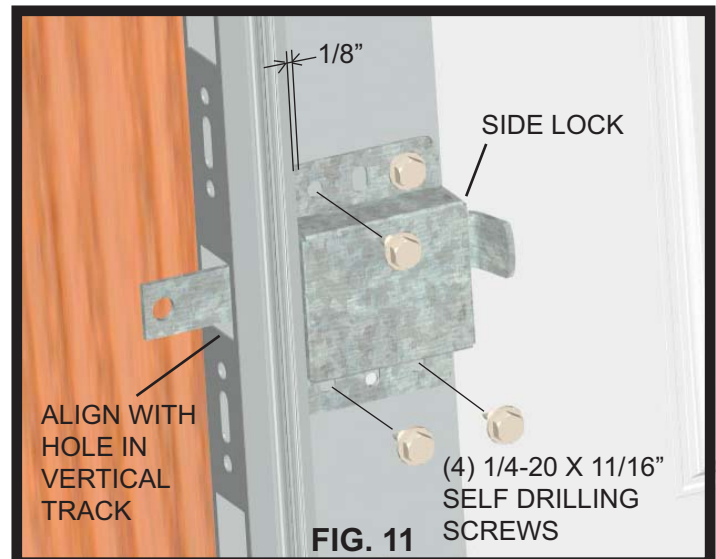
Finish hand tightening the carriage bolts and wing



## Side Lock Installation

Install side lock on the second section from the bottom of the door. Square side lock assembly with door section and hole in vertical track. The side lock should be spaced approximately 1/8" from the section edge. Secure the side lock to the section with (4) 1/4-20 x 11/16" self drilling screws.(see **Fig. 11**)

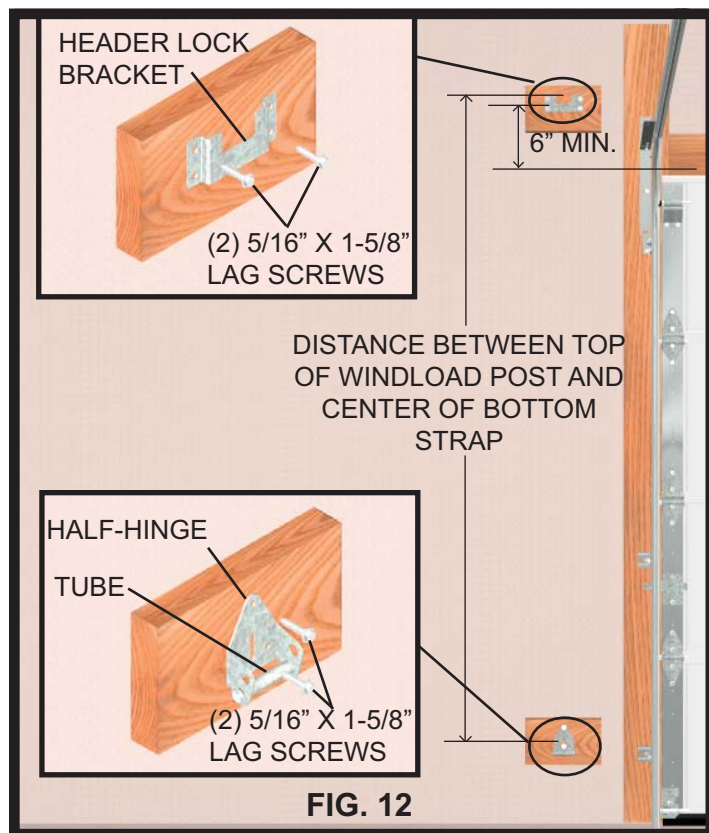
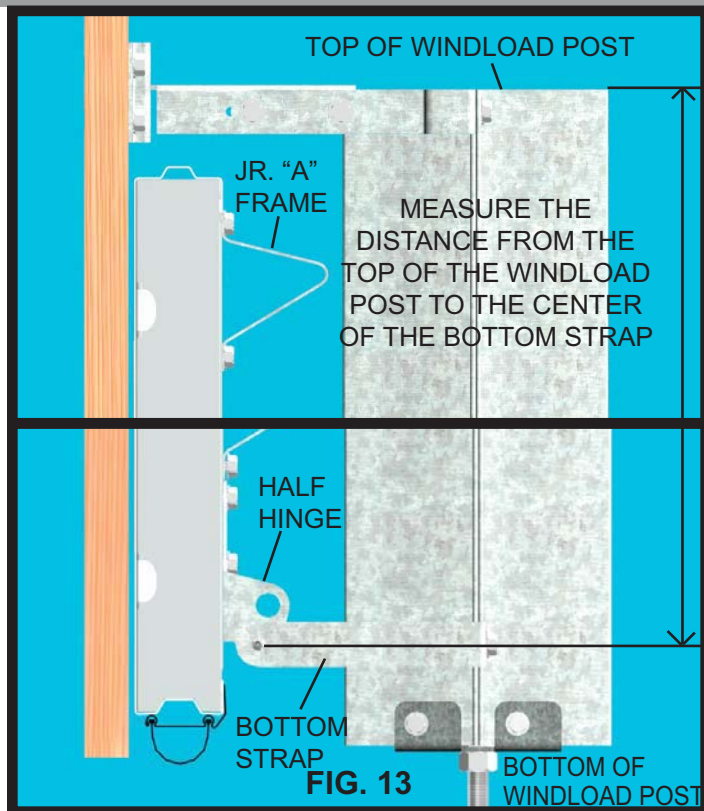
**IMPORTANT!** Side locks and openers should not be engaged at the same time. If an opener is installed on the door and engaged, be sure side locks are disengaged, otherwise damage could result to door and/or opener. Only use side locks when opener is disengaged from the garage door.



## Securing Post for Storage

Locate a convenient place to store the windload post(s). Measure and cut (2) 2" x 6" wood mounting blocks a minimum of 10" long for each windload post. Locate the mounting blocks horizontally on the wall as shown in **Fig. 12**. Secure them adequately to the wall at the top and bottom of the post storage location, with masonry anchors for concrete construction, or 16 penny nails for wood construction. Measure a distance of 6" greater than door height as illustrated in **Fig. 12**, and mount the extra header lock bracket(s) to the top mounting block(s) using (2) 5/16" x 1-5/8" lag screws as shown in **Fig. 12**.

Measure the distance from the top of the windload post to the center of the bottom strap (see **Fig. 13**). Use that measurement for the dimension between the center of the extra header lock bracket and half-hinge tube. Position the half-hinge on the bottom mounting block and secure the half-hinge using (2) 5/16" x 1-5/8" lag screws. Repeat this step for remaining windload posts if necessary. (see **Fig. 12**)



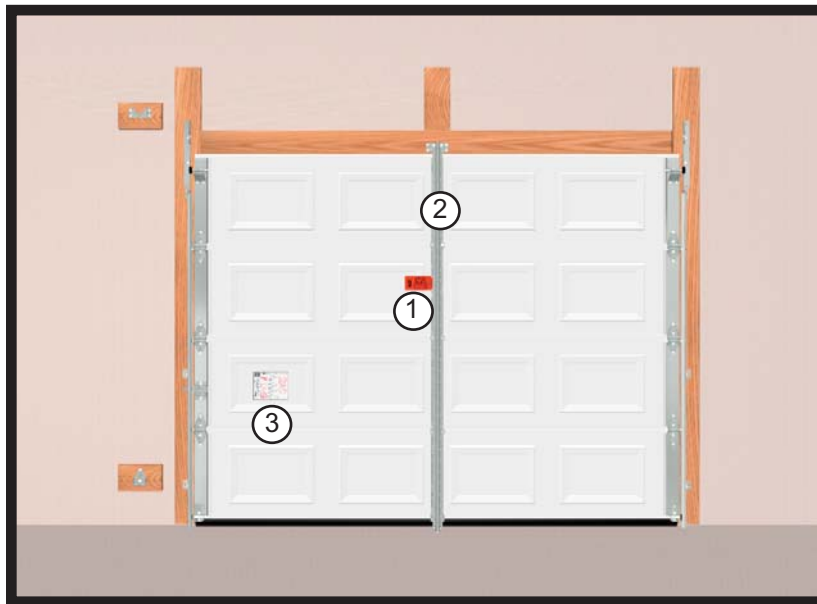
Slide the windload post(s) into storage header bracket(s) and secure the bottom strap(s) to the half hinge(s) using the 3-1/2" carriage bolt and wing nut. Place all remaining wing nuts and carriage bolts into the remaining straps for storage. Insert plastic plug into hole in floor.

## Attaching the Installation Decals

After the installation is complete, locate in a obviously visible location on the inside of the garage door and the post(s) and place the provided installation labels and tag(s) onto the door and post(s) for future reference.

**IMPORTANT! LABELS AND TAG(S) MUST BE ATTACHED TO BOTH DOOR AND POST(S).**

## Windload Label Locations



①



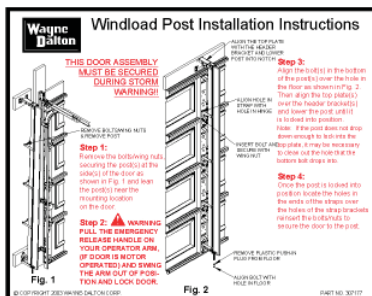
**Applied by Installer** - One (1) Emergency High Wind Situations Tags (161384) **per post** -Tags are to be applied to post(s) when stored on wall for constant reminder to consumer.

②



**Applied by Installer** - One (1) Windload PSF Label **per post**, based on the required design PSF load. Label is to be applied to windload post for reference.

③



**Applied by Installer** - One (1) Windload Post Installation Instructions Label (307177) -Only on doors specified with one or more posts. To be applied to inside of door, next to endcap of second section on side of the door where Post no. 1 is stored.

**MAKE SURE LABELS AND TAG(S) LIKE THE ONES ABOVE ARE INSTALLED ON THE DOOR AND POST(S)!**

CONTACT WAYNE-DALTON CORP. FOR A FREE REPLACEMENT DECAL.

**Please Do Not Return This Product To The Store.**

Contact your local Wayne-Dalton dealer. To find your local Wayne-Dalton dealer, refer to your local yellow pages/business listings or go to the **Find a Dealer** section online at [www.wayne-dalton.com](http://www.wayne-dalton.com)